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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 DEC 18 CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS 4 DEC 18 CA/CAplus patent kind codes updated
NEWS 5 DEC 18 MARPAT to CA/CAplus accession number crossover limit increased to 50,000
NEWS 6 DEC 18 MEDLINE updated in preparation for 2007 reload
NEWS 7 DEC 27 CA/CAplus enhanced with more pre-1907 records
NEWS 8 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 9 JAN 16 CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 10 JAN 16 IPC version 2007.01 thesaurus available on STN
NEWS 11 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 12 JAN 22 CA/CAplus updated with revised CAS roles
NEWS 13 JAN 22 CA/CAplus enhanced with patent applications from India
NEWS 14 JAN 29 PHAR reloaded with new search and display fields
NEWS 15 JAN 29 CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 16 FEB 15 PATDPASPC enhanced with Drug Approval numbers
NEWS 17 FEB 15 RUSSIAPAT enhanced with pre-1994 records
NEWS 18 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality
NEWS 19 FEB 26 MEDLINE reloaded with enhancements
NEWS 20 FEB 26 EMBASE enhanced with Clinical Trial Number field
NEWS 21 FEB 26 TOXCENTER enhanced with reloaded MEDLINE
NEWS 22 FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 23 FEB 26 CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS 24 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 25 MAR 16 CASREACT coverage extended
NEWS 26 MAR 20 MARPAT now updated daily
NEWS 27 MAR 22 LWPI reloaded

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

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result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 04:54:37 ON 29 MAR 2007

=> file registry	COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST		0.21	0.21

FILE 'REGISTRY' ENTERED AT 04:54:48 ON 29 MAR 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 MAR 2007 HIGHEST RN 928296-91-7
DICTIONARY FILE UPDATES: 27 MAR 2007 HIGHEST RN 928296-91-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s NY/sqep
L1 30 NY/SQEP

=> s GY/SQEP
L2 28 GY/SOEP

=> s Ac adj Asn adj Tyr
L3 0 AC ADJ ASN ADJ TYR

```
=> dup rem l1
DUPLICATE IS NOT AVAILABLE IN 'REGISTRY'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L1
L4          30 DUP REM L1 (0 DUPLICATES REMOVED)
```

```
=> d l1=1-30
'L1' IS NOT A VALID FIELD CODE
For a list of field codes in the current file, enter "HELP SFIELDS" at
an arrow prompt (=>).
```

=> d 11 1-30

L1 ANSWER 1 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 890149-50-5 REGISTRY
ED Entered STN: 30 Jun 2006
CN L-Lysinamide, 17N6,17'N6-[[[3-[(1,1-dimethylethoxy)carbonyl]amino]-1-oxopropyl]imino]bis(1-oxo-2,1-ethanediyl)]bis[N2-acetyl-L-asparaginyl-L-tyrosyl-L-alanyl-L-cysteinyl-L-arginyl-L-methionylglycyl-L-prolyl-L-

isoleucyl-L-threonyl-L-tryptophyl-L-valyl-L-cysteinyl-L-seryl-L-prolyl-L-leucyl-, cyclic (4→13), (4'→13')-bis(disulfide) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 632: PN: WO2006062685 SEQID: 665 claimed sequence

FS PROTEIN SEQUENCE

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 2 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN

RN 890149-39-0 REGISTRY

ED Entered STN: 30 Jun 2006

CN L-Lysinamide, 17N6,17'N6-[[3-[(1,1-dimethylethoxy)carbonyl]amino]-1-oxopropyl]imino]bis(1-oxo-2,1-ethanediyl)]bis[N2-acetyl-L-asparaginyl-L-tyrosyl-L-valyl-L-cysteinyl-L-arginyl-L-methionylglycyl-L-prolyl-L-isoleucyl-L-threonyl-L-tryptophyl-L-isoleucyl-L-cysteinyl-L-threonyl-L-prolyl-L-alanyl-, cyclic (4→13), (4'→13')-bis(disulfide) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 621: PN: WO2006062685 SEQID: 654 claimed sequence

FS PROTEIN SEQUENCE

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 3 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN

RN 890149-38-9 REGISTRY

ED Entered STN: 30 Jun 2006

CN L-Lysinamide, 17N6,17'N6-[[3-[(1,1-dimethylethoxy)carbonyl]amino]-1-oxopropyl]imino]bis(1-oxo-2,1-ethanediyl)]bis[N2-acetyl-L-asparaginyl-L-tyrosyl-L-leucyl-L-cysteinyl-L-arginyl-L-phenylalanylglycyl-L-prolyl-L-methionyl-L-threonyl-L-tryptophyl-L-α-aspartyl-L-cysteinyl-L-threonylglycyl-L-phenylalanyl-, cyclic (4→13), (4'→13')-bis(disulfide) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 620: PN: WO2006062685 SEQID: 653 claimed sequence

FS PROTEIN SEQUENCE

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 4 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN

RN 890147-48-5 REGISTRY

ED Entered STN: 30 Jun. 2006

CN L-Lysinamide, 17N6,17'N6-[[3-[(1,1-dimethylethoxy)carbonyl]amino]-1-

oxopropyl] imino]bis(1-oxo-2,1-ethanediyl)]bis[N2-acetyl-L-asparaginyl-L-tyrosyl-L-methionyl-L-cysteinyl-L-histidyl-L-phenylalanylglucyl-L-prolyl-L-isoleucyl-L-threonyl-L-tryptophyl-L-valyl-L-cysteinyl-L-arginyl-L-prolylglucyl-, cyclic (4→13), (4'→13')-bis(disulfide) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 446: PN: WO2006062685 SEQID: 469 claimed sequence

FS PROTEIN SEQUENCE

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 5 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN

RN 890147-43-0 REGISTRY

ED Entered STN: 30 Jun 2006

CN L-Lysinamide, 18N6,18'N6-[[3-[(1,1-dimethylethoxy)carbonyl]amino]-1-oxopropyl] imino]bis(1-oxo-2,1-ethanediyl)]bis[N2-acetyl-L-asparaginyl-L-tyrosyl-L-threonyl-L-cysteinyl-L-arginyl-L-phenylalanylglucyl-L-prolyl-L-leucyl-L-threonyl-L-tryptophyl-L- α -glutamyl-L-cysteinyl-L-threonyl-L-prolyl-L-phenylalanyl-L-glutamyl-, cyclic (4→13), (4'→13')-bis(disulfide) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 444: PN: WO2006062685 SEQID: 467 claimed sequence

FS PROTEIN SEQUENCE

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 6 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN

RN 862890-62-8 REGISTRY

ED Entered STN: 12 Sep 2005

CN Insulin (human), 29B-[N6-[(2Z)-3-carboxy-1-oxo-2-propenyl]- β -alanyl-8-aminoctanoyl]-L-lysine] - (9CI) (CA INDEX NAME),

FS PROTEIN SEQUENCE

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, CASREACT

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 7 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN

RN 844440-43-3 REGISTRY

ED Entered STN: 08 Mar 2005

CN (1A-21A),(1B-29B)-Insulin (human), 29B-[N-(17-carboxy-1-oxoheptadecyl)-L- α -aspartyl-L- β -aspartyl]-L-lysine] - (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 8 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 844440-33-1 REGISTRY
ED Entered STN: 08 Mar 2005
CN (1A-21A), (1B-29B)-Insulin (human), 29B- [N6- [N- (17-carboxy-1-oxoheptadecyl)glycyl-L- γ -glutamyl]-L-lysine]- (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 9 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 844440-08-0 REGISTRY
ED Entered STN: 08 Mar 2005
CN (1A-21A), (1B-29B)-Insulin (human), 29B- [N6- [N- (17-carboxy-1-oxoheptadecyl)-L- α -aspartyl-L- β -aspartyl]-L-lysine]- (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 10 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 844440-03-5 REGISTRY
ED Entered STN: 08 Mar 2005
CN (1A-21A), (1B-29B)-Insulin (human), 29B- [N6- [N- (17-carboxy-1-oxoheptadecyl)-L- γ -glutamyl-L- β -aspartyl]-L-lysine]- (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 11 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 844439-99-2 REGISTRY
ED Entered STN: 08 Mar 2005
CN (1A-21A), (1B-29B)-Insulin (human), 29B-[N6-[N-(17-carboxy-1-oxoheptadecyl)-L- γ -glutamyl-L- γ -glutamyl]-L-lysine] - (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 12 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 800385-02-8 REGISTRY
ED Entered STN: 21 Dec 2004
CN Insulin (human), 1B-L-glutamic acid-, (1B \rightarrow 1')-amide with
N2-[4-[[3-[[O-(N-acetyl- α -neuraminosyl)-2 \rightarrow 6]-O- β -D-
galactopyranosyl-(1 \rightarrow 4)-2-(acetylamino)-2-deoxy- β -D-
glucopyranosyl]oxy]propyl]amino]-1,4-dioxobutyl]-L-lysyl-N1,N5-bis[3-[[O-
(N-acetyl- α -neuraminosyl)-2 \rightarrow 6]-O- β -D-galactopyranosyl-
(1 \rightarrow 4)-2-(acetylamino)-2-deoxy- β -D-glucopyranosyl]oxy]propyl]-L-
glutamamide (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 13 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 800384-92-3 REGISTRY
ED Entered STN: 21 Dec 2004
CN Insulin (human), 1B-L-glutamic acid-, (1B \rightarrow 1')-amide with
N2-[4-[[3-[[2-(acetylamino)-2-deoxy-4-O- β -D-galactopyranosyl- β -D-
glucopyranosyl]oxy]propyl]amino]-1,4-dioxobutyl]-L-lysyl-N1,N5-bis[3-[[2-
(acetylamino)-2-deoxy-4-O- β -D-galactopyranosyl- β -D-
glucopyranosyl]oxy]propyl]-L-glutamamide (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 14 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 797785-05-8 REGISTRY
ED Entered STN: 15 Dec 2004
CN Insulin (human), 1B-L-glutamic acid-, (1B→1')-amide with
N2- [4- [3- [(O- (N-acetyl- α -neuraminosyl)- (2→6)-O- β -D-
galactopyranosyl- (1→4)-2-(acetylamino)-2-deoxy- β -D-
glucopyranosyl] oxy] propyl] amino]-1,4-dioxobutyl]-L-lysyl-N1,N5-bis[3- [(O-
(N-acetyl- α -neuraminosyl)- (2→6)-O- β -D-galactopyranosyl-
(1→4)-2-(acetylamino)-2-deoxy- β -D-glucopyranosyl] oxy] propyl]-L-
glutamamide (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 15 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 607757-10-8 REGISTRY
ED Entered STN: 22 Oct 2003
CN GenBank AAO85839 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Cytochrome c oxidase (Paradoxaphis plagianthi subunit I)
CN GenBank AAO85839 (Translated from: GenBank AY219754)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR GenBank
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 16 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 607757-08-4 REGISTRY
ED Entered STN: 22 Oct 2003
CN GenBank AAO85837 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Cytochrome c oxidase (Paradoxaphis aristoteliae subunit I)
CN GenBank AAO85837 (Translated from: GenBank AY219753)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR GenBank
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 17 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 607757-04-0 REGISTRY
ED Entered STN: 22 Oct 2003
CN GenBank AAO85833 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Cytochrome c oxidase (Aphis cottieri subunit I)
CN GenBank AAO85833 (Translated from: GenBank AY219751)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR GenBank
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 18 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 607757-02-8 REGISTRY
ED Entered STN: 22 Oct 2003
CN GenBank AAO85831 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Cytochrome c oxidase (Aphis coprosmae subunit I)
CN GenBank AAO85831 (Translated from: GenBank AY219750)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR GenBank
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 19 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 607756-99-0 REGISTRY
ED Entered STN: 22 Oct 2003
CN GenBank AAO85828 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Cytochrome c oxidase (Aphis cornifoliae subunit I)
CN GenBank AAO85828 (Translated from: GenBank AY219748)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR GenBank
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
 1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 20 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 607756-97-8 REGISTRY
ED Entered STN: 22 Oct 2003
CN GenBank AAO85826 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Cytochrome c oxidase (Aphis farinosa subunit I)
CN GenBank AAO85826 (Translated from: GenBank AY219747)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR GenBank
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 21 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 607756-95-6 REGISTRY
ED Entered STN: 22 Oct 2003
CN GenBank AAO85824 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Cytochrome c oxidase (Aphis spiraecola subunit I)
CN GenBank AAO85824 (Translated from: GenBank AY219746)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR GenBank
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 22 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 607756-91-2 REGISTRY
ED Entered STN: 22 Oct 2003
CN GenBank AAO85820 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Cytochrome c oxidase (Euschizaphis sp. CDvD-2003-2 subunit I)
CN GenBank AAO85820 (Translated from: GenBank AY219743)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR GenBank
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 23 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 607756-89-8 REGISTRY

ED Entered STN: 22 Oct 2003
CN GenBank AAO85818 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Cytochrome c oxidase (Casimira sp. CDvD-2003 subunit I)
CN GenBank AAO85818 (Translated from: GenBank AY219742)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR GenBank
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 24 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 607756-87-6 REGISTRY
ED Entered STN: 22 Oct 2003
CN GenBank AAO85816 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Cytochrome c oxidase (Euschizaphis sp. CDvD-2003-1 subunit I)
CN GenBank AAO85816 (Translated from: GenBank AY219741)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR GenBank
LC STN Files: CA, CAPLUS

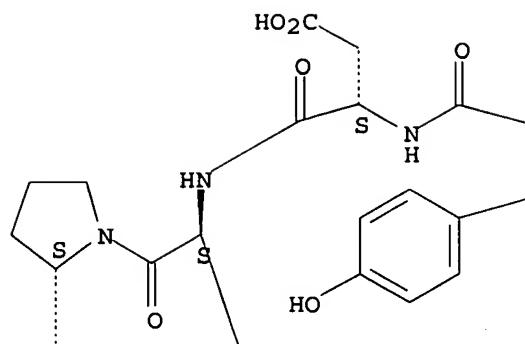
RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

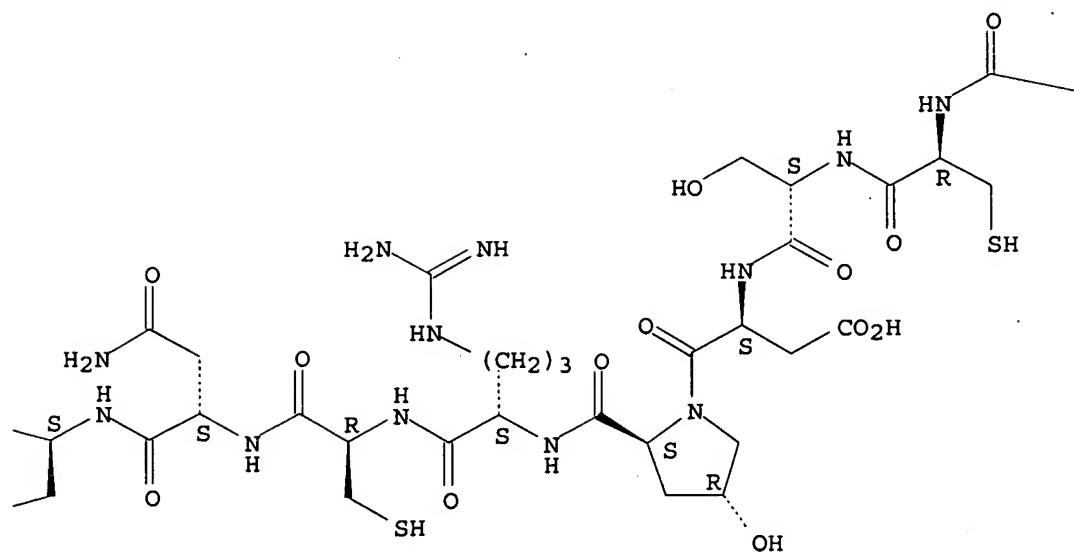
L1 ANSWER 25 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 467428-31-5 REGISTRY
ED Entered STN: 30 Oct 2002
CN L-Cysteinate, glycyl-L-cysteinyl-L-cysteinyl-L-seryl-L- α -aspartyl-
 (4R)-4-hydroxy-L-prolyl-L-arginyl-L-cysteinyl-L-asparaginyl-L-tyrosyl-L-
 α -aspartyl-L-histidyl-L-prolyl-L- γ -glutamyl-L-isoleucyl- (9CI)
 (CA INDEX NAME)
OTHER NAMES:
CN 7: PN: WO02079236 SEQID: 7 claimed protein
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C71 H107 N23 O26 S4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

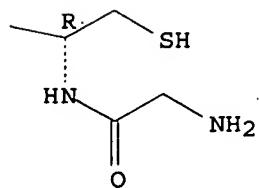
PAGE 1-A

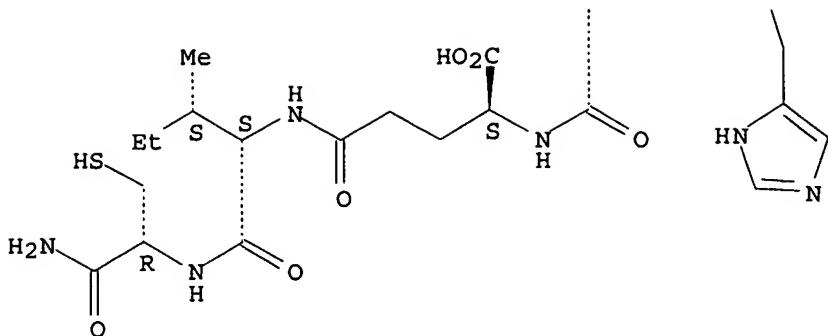


PAGE 1-B



PAGE 1-C





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 26 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN

RN 180721-67-9 REGISTRY

ED Entered STN: 13 Sep 1996

CN Insulin (swine), NB-[(aminooxy)acetyl]-, (1'----->1B), (1'----->fwdarw.1'B), (1'----->1''B), (1'----->1'''B), (1'----->1''''B), (1'----->1'''''B), (1'----->1''''''B), (1'----->1'''''''B) -octaaldoxime with N2,N6-bis[N2,N6-bis[N2,N6-bis(oxoacetyl)-L-lysyl]-L-lysyl]-L-lysyl-L-tyrosine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Insulin (pig), NB-[[[(carboxymethylene)amino]oxy]acetyl]-, octaamide with N2,N6-bis(N2,N6-di-L-lysyl-L-lysyl)-L-lysyl-L-tyrosine

FS PROTEIN SEQUENCE

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 27 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN

RN 113610-16-5 REGISTRY

ED Entered STN: 02 Apr 1988

CN (1-29)-(64-84)-Proinsulin (swine), 29-[N6-[N2-[N2,N6-bis[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-N6-[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-L-lysine]- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN (1-29)-(64-84)-Proinsulin (pig), 29-[N6-[N2-[N2,N6-bis[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-N6-[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-L-lysine]-

CN Proinsulin (pig), 29-[N6-[N2-[N2,N6-bis[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-N6-[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-L-lysine]-30-de-L-alanine-31-de-L-arginine-32-de-L-arginine-33-de-L-glutamic acid-34-de-L-alanine-35-de-L-glutamic acid-36-de-L-asparagine-37-de-L-proline-38-de-L-glutamine-39-de-L-alanine-40-deglycine-41-de-L-alanine-42-de-L-valine-43-de-L-glutamic acid-44-de-L-leucine-45-deglycine-46-deglycine-47-deglycine-48-de-L-leucine-49-deglycine-50-deglycine-51-de-L-leucine-52-de-L-glutamine-53-de-L-alanine-54-de-L-leucine-55-de-L-alanine-

56-de-L-leucine-57-de-L-glutamic acid-58-deglycine-59-de-L-proline-60-de-L-proline-61-de-L-glutamine-62-de-L-lysine-63-de-L-arginine-

FS PROTEIN SEQUENCE

MF C280 H422 N68 O82 S6

CI MAN

SR CA

LC STN Files: CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 28 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN

RN 113190-14-0 REGISTRY

ED Entered STN: 05 Mar 1988

CN (1-29)-(64-84)-Proinsulin (swine), N-[N2-[N2,N6-bis[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-N6-[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-29-[N6-[N2-[N2,N6-bis[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-N6-[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-L-lysine] - (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN (1-29)-(64-84)-Proinsulin (pig), N-[N2-[N2,N6-bis[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-N6-[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-29-[N6-[N2-[N2,N6-bis[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-N6-[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-L-lysine] -

CN Proinsulin (pig), N-[N2-[N2,N6-bis[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-N6-[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-29-[N6-[N2-[N2,N6-bis[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-N6-[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-L-lysine]-30-de-L-alanine-31-de-L-arginine-32-de-L-arginine-33-de-L-glutamic acid-34-de-L-alanine-35-de-L-glutamic acid-36-de-L-asparagine-37-de-L-proline-38-de-L-glutamine-39-de-L-alanine-40-deglycine-41-de-L-alanine-42-de-L-valine-43-de-L-glutamic acid-44-de-L-leucine-45-deglycine-46-deglycine-47-deglycine-48-de-L-leucine-49-deglycine-50-deglycine-51-de-L-leucine-52-de-L-glutamine-53-de-L-alanine-54-de-L-leucine-55-de-L-alanine-56-de-L-leucine-57-de-L-glutamic acid-58-deglycine-59-de-L-proline-60-de-L-proline-61-de-L-glutamine-62-de-L-lysine-63-de-L-arginine-

FS PROTEIN SEQUENCE

MF C307 H470 N72 O91 S6

CI MAN

SR CA

LC STN Files: CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 29 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN

RN 97707-73-8 REGISTRY

ED Entered STN: 24 Aug 1985

CN Insulin (swine); 29B-[N6-(L-tyrosyl-6-aminohexanoyl)-L-lysine] - (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 3,4,44,45,90,91-Hexathia-8,11,14,17,20,23,26,29,32,35,38,41,48,51,54,57,60,63,66,69,72,75,78,81,84,86-hexacosazabicyclo[72.11.7]dononacontane, cyclic peptide deriv.

CN Insulin (ox), 8A-L-threonine-10A-L-isoleucine-29B-[N6-[6-[[2-amino-3-(4-hydroxyphenyl)-1-oxopropyl]amino]-1-oxohexyl]-L-lysine] -, (S)-

FS PROTEIN SEQUENCE

MF C271 H401 N67 O79 S6

CI MAN

SR CA

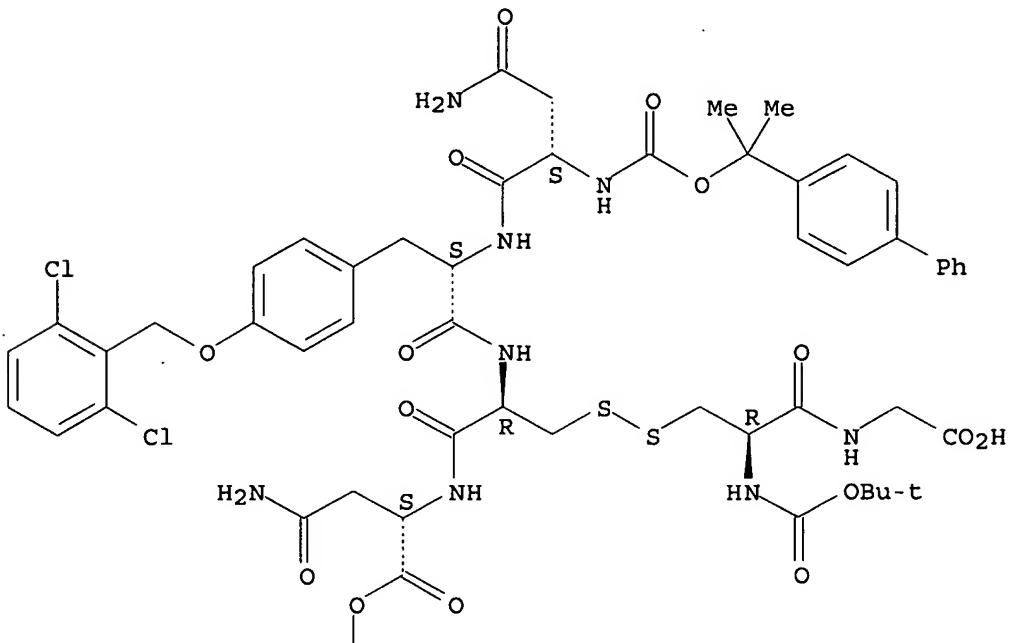
LC STN Files: CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 30 OF 30 REGISTRY COPYRIGHT 2007 ACS on STN
RN 68558-45-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN L-Asparagine, N2-[(1-[1,1'-biphenyl]-4-yl-1-methylethoxy)carbonyl]-L-
asparaginyl-O-[(2,6-dichlorophenyl)methyl]-L-tyrosyl-L-cysteinyl-,
phenylmethyl ester, (3->1')-disulfide with N-[(1,1'-
dimethylethoxy)carbonyl]-L-cysteinylglycine (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C60 H68 Cl2 N8 O15 S2
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

Absolute stereochemistry.

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 12 1-28

L2 ANSWER 1 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 890147-73-6 REGISTRY
ED Entered STN: 30 Jun 2006
CN L-Lysinamide, 20N6,20'N6- [(3-amino-1-oxopropyl)imino]bis(1-oxo-2,1-ethanediyl)bis[N-acetylglycylglycyl-L-tyrosyl-L-alanyl-L-cysteinyl-L-histidyl-L-methionylglycyl-L-prolyl-L-isoleucyl-L-threonyl-3-(1-naphthalenyl)-L-alanyl-L-valyl-L-cysteinyl-L-glutaminyl-L-prolyl-L-leucyl-L-arginyl-N-methylglycyl-, cyclic (5→14), (5'→14')-bis(disulfide) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 460: PN: WO2006062685 SEQID: 484 claimed sequence
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 890142-76-4 REGISTRY
ED Entered STN: 30 Jun 2006
CN L-Lysinamide, 16N6,16'N6- [[3-[(1,1-dimethylethoxy)carbonyl]amino]-1-oxopropyl]imino]bis(1-oxo-2,1-ethanediyl)bis[N-acetyl-L-leucyl-L-tyrosyl-L-leucyl-L-cysteinyl-L-arginyl-L-phenylalanylglycyl-L-prolyl-L-valyl-L-threonyl-L-tryptophyl-L-α-aspartyl-L-cysteinylglycyl-L-tyrosyl-, cyclic (4→13), (4'→13')-bis(disulfide) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 391: PN: WO2006062685 SEQID: 410 claimed sequence
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 890141-35-2 REGISTRY
ED Entered STN: 30 Jun 2006
CN L-Lysinamide, 23N6,23'N6- [[3-[(1,1-dimethylethoxy)carbonyl]amino]-1-oxopropyl]imino]bis(1-oxo-2,1-ethanediyl)bis[N-acetyl-L-leucyl-L-leucyl-L-arginylglycyl-L-tyrosyl-L-α-glutamyl-L-cysteinyl-L-tyrosyl-L-methionylglycyl-L-prolyl-L-leucyl-L-threonyl-L-tryptophyl-L-valyl-L-cysteinyl-L-arginyl-L-seryl-L-seryl-L-arginyl-L-prolyl-L-arginyl-, cyclic (7→16), (7'→16')-bis(disulfide) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 353: PN: WO2006062685 SEQID: 372 claimed sequence
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 889996-41-2 REGISTRY
 ED Entered STN: 29 Jun 2006
 CN L-Serinamide, N2,N6-bis[N2,N6-bis[4-(α -D-mannopyranosyloxy)-1-oxobutyl]-L-lysyl]-L-lysylglycyl-L-tyrosyl-L-histidyl-L-leucyl-L-methionyl-L-seryl-L-phenylalanyl-L-prolyl-L-glutaminyl-L-alanyl-L-alanyl-L-prolyl-L-histidylglycyl-L-valyl-L-valyl-L-phenylalanyl-L-leucyl-L-histidyl-L-valyl-L-threonyl-L-tyrosyl-L-valyl-L-prolyl- (9CI)
 (CA INDEX NAME)
 FS PROTEIN SEQUENCE
 MF Unspecified
 CI MAN
 SR CA
 LC STN Files: CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

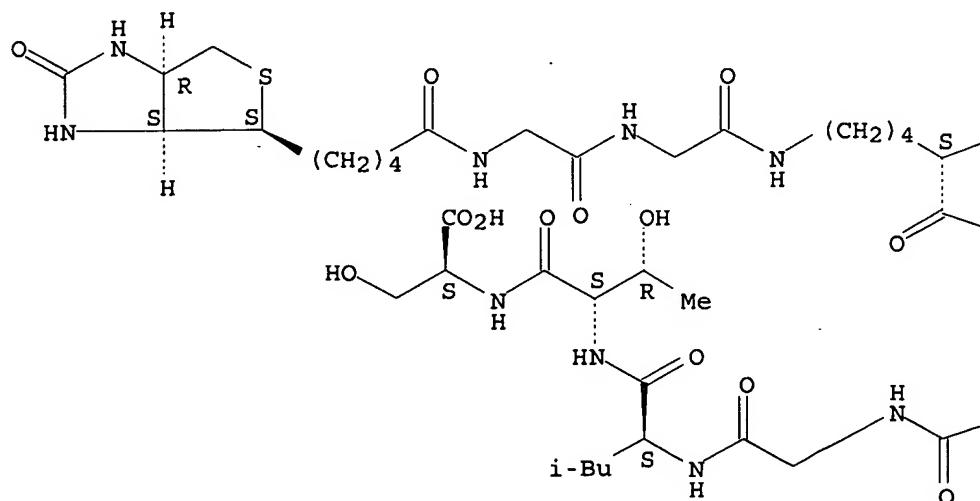
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

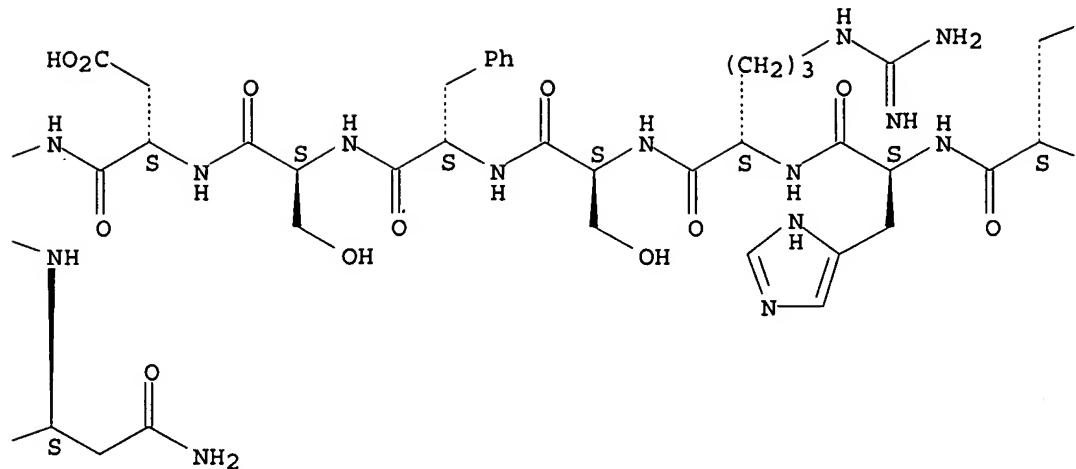
L2 ANSWER 5 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 305815-91-2 REGISTRY
 ED Entered STN: 01 Dec 2000
 CN L-Serine, glycyl-L-tryptophyl-L-threonyl-L-leucyl-L-asparaginyl-L-seryl-L-alanylglycyl-L-tyrosyl-L-leucyl-L-leucylglycyl-L-prolyl-L-histidyl-L-alanyl-L-valylglycyl-L-asparaginyl-L-histidyl-L-arginyl-L-seryl-L-phenylalanyl-L-seryl-L- α -aspartyl-N6-[N-[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]glycylglycyl]-L-lysyl-L-asparaginylglycyl-L-leucyl-L-threonyl- (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C153 H230 N46 O47 S
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

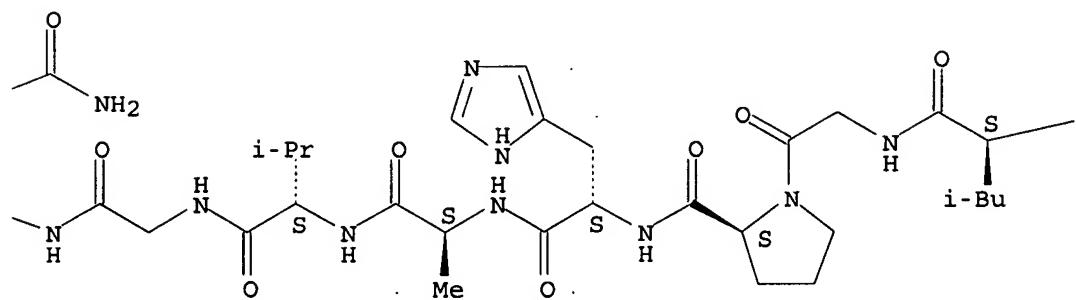
PAGE 1-A



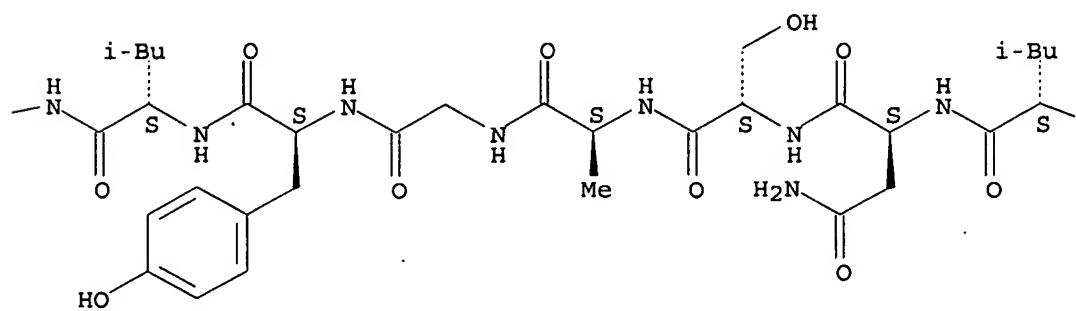
PAGE 1-B

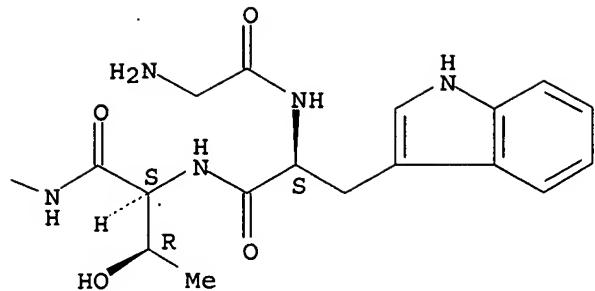


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PAGE 1-D





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 6 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 285564-77-4 REGISTRY
 ED Entered STN: 14 Aug 2000
 CN L-Lysinamide, L- α -glutamyl-L-tyrosyl-L-alanylglucyl-L-tyrosylglucyl-L- α -glutamyl-L-arginyl-L-isoleucyl-L-tryptophyl-N6-(L-lysyl-L-tyrosyl)-, (1 \rightarrow 1'2), (7 \rightarrow 1'6)-dilactam (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C79 H108 N20 O18
 SR CA
 LC STN Files: CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 7 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 214265-30-2 REGISTRY
 ED Entered STN: 15 Nov 1998
 CN L-Argininamide, N2,N6-bis[N2,N6-bis[N2,N6-bis[4-(3'-azido-3'-deoxythymidin-5'-O-yl)-1,4-dioxobutyl]-L-lysyl]-L-lysyl-L-arginyl-L-arginyl-L-tryptophyl-L-cysteinyl-L-tyrosyl-L-arginyl-L-lysyl-L-cysteinyl-L-tyrosyl-L-lysylglycyl-L-tyrosyl-L-cysteinyl-L-tyrosyl-L-arginyl-L-lysyl-L-cysteinyl-(9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE
 MF C268 H368 N92 O77 S4
 CI MAN
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 8 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 214265-29-9 REGISTRY
 ED Entered STN: 15 Nov 1998

CN L-Argininamide, N2,N6-bis[N2,N6-bis[5-(3'-azido-3'-deoxythymidin-5'-O-yl)-1,5-dioxopentyl]-L-lysyl]-L-lysyl-L-arginyl-L-arginyl-L-tryptophyl-L-cysteinyl-L-tyrosyl-L-arginyl-L-lysyl-L-cysteinyl-L-tyrosyl-L-lysylglycyl-L-tyrosyl-L-cysteinyl-L-tyrosyl-L-arginyl-L-lysyl-L-cysteinyl-, cyclic (7→20), (11→16)-bis(disulfide) (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE

MF C265 H370 N92 O77 S4

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 9 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN

RN 214265-28-8 REGISTRY

ED Entered STN: 15 Nov 1998

CN L-Argininamide, N2,N6-bis[N2,N6-bis[4-(3'-azido-3'-deoxythymidin-5'-O-yl)-1,4-dioxobutyl]-L-lysyl]-L-lysyl-L-arginyl-L-arginyl-L-tryptophyl-L-cysteinyl-L-tyrosyl-L-arginyl-L-lysyl-L-cysteinyl-L-tyrosyl-L-lysylglycyl-L-tyrosyl-L-cysteinyl-L-tyrosyl-L-arginyl-L-lysyl-L-cysteinyl-, cyclic (7→20), (11→16)-bis(disulfide) (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE

MF C264 H368 N92 O77 S4

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 10 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN

RN 209330-63-2 REGISTRY

ED Entered STN: 02 Aug 1998

CN L-Tyrosinamide, N2,N6-bis[N-[(aminoxy)acetyl]-β-alanyl]-L-lysyl-N6-[N-[(aminoxy)acetyl]-β-alanyl]-L-lysylglycyl- (9CI) (CA INDEX NAME)

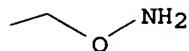
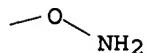
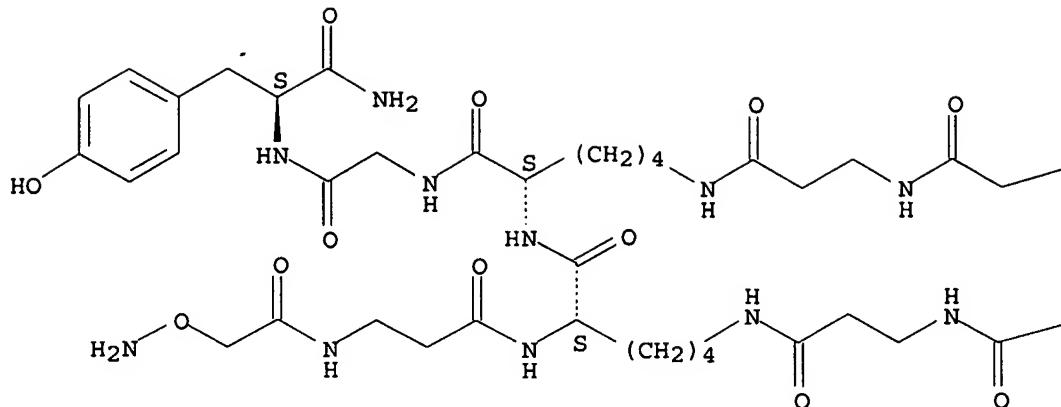
FS PROTEIN SEQUENCE; STEREOSEARCH

MF C38 H63 N13 O14

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 11 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 191798-05-7 REGISTRY
 ED Entered STN: 29 Jul 1997
 CN Cyclo[L-alanyl-N6-[N2-(3-carboxy-1-oxopropyl)-L-lysylglycyl-L-tyrosyl-L-asparaginylglycyl]-L-lysyl-L-alanyl-L-lysylglycyl-L-prolyl-N6-[N-(3-carboxy-1-oxopropyl)-L-phenylalanylglucyl-L-leucyl-L-tyrosylglycyl]-L-lysyl-S-[2-[(2-amino-2-oxoethyl)amino]-2-oxoethyl]-L-cysteinyl-L-lysyl-L-alanyl-N6-[N-(3-carboxy-1-oxopropyl)-L- α -glutamyl-L-leucylglycyl-L-arginylglycyl]-L-lysylglycyl-L-prolyl-L-lysyl], (2 \rightarrow 4), (7 \rightarrow 9), (11 \rightarrow 14)-trilactam (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C150 H228 N42 O42 S
 SR CA
 LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
 1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 12 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 191798-01-3 REGISTRY
ED Entered STN: 29 Jul 1997
CN Cyclo[L-alanyl-N6-[N2-(3-carboxy-1-oxopropyl)-L-lysylglycyl-L-tyrosyl-L-asparaginylglycyl]-L-lysyl-L-alanyl-L-lysylglycyl-L-prolyl-L-lysyl-S-[2-[(2-amino-2-oxoethyl)amino]-2-oxoethyl]-L-cysteinyl-N6-[N-(3-carboxy-1-oxopropyl)-L-phenylalanylglucyl-L-leucyl-L-tyrosylglycyl]-L-lysyl-L-alanyl-N6-[N-(3-carboxy-1-oxopropyl)-L- α -glutamyl-L-leucylglycyl-L-arginylglycyl]-L-lysylglycyl-L-prolyl-L-lysyl], (2-4), (9-7), (11-14)-trilactam (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C150 H228 N42 O42 S
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 13 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 191797-97-4 REGISTRY
ED Entered STN: 29 Jul 1997
CN Cyclo[L-alanyl-N6-[N2-(3-carboxy-1-oxopropyl)-L-lysylglycyl-L-tyrosyl-L-asparaginylglycyl]-L-lysyl-L-alanyl-L-lysylglycyl-L-prolyl-N6-[N-(3-carboxy-1-oxopropyl)-L-phenylalanylglucyl-L-leucyl-L-tyrosylglycyl]-L-lysyl-S-[2-[(2-amino-2-oxoethyl)amino]-2-oxoethyl]-L-cysteinyl-L-lysyl-L-alanyl-L-lysylglycyl-L-prolyl-N6-[N-(3-carboxy-1-oxopropyl)-L- α -glutamyl-L-leucylglycyl-L-arginylglycyl]-L-lysyl], (2-4), (7-9), (14-11)-trilactam (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C150 H228 N42 O42 S
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 14 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 191797-93-0 REGISTRY
ED Entered STN: 29 Jul 1997
CN Cyclo[L-alanyl-N6-[N2-(3-carboxy-1-oxopropyl)-L-lysylglycyl-L-tyrosyl-L-asparaginylglycyl]-L-lysyl-L-alanyl-L-lysylglycyl-L-prolyl-L-lysyl-S-[2-[(2-amino-2-oxoethyl)amino]-2-oxoethyl]-L-cysteinyl-N6-[N-(3-carboxy-1-oxopropyl)-L-phenylalanylglucyl-L-leucyl-L-tyrosylglycyl]-L-lysyl-L-alanyl-L-lysylglycyl-L-prolyl-N6-[N-(3-carboxy-1-oxopropyl)-L- α -glutamyl-L-leucylglycyl-L-arginylglycyl]-L-lysyl], (2-4), (9-7), (14.fwda
rw.11)-trilactam (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C150 H228 N42 O42 S
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 15 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 191797-91-8 REGISTRY
ED Entered STN: 29 Jul 1997
CN Cyclo[L-alanyl-L-lysyl-L-alanyl-N6-[N2-(3-carboxy-1-oxopropyl)-L-lysylglycyl-L-tyrosyl-L-asparaginylglycyl]-L-lysylglycyl-L-prolyl-N6-[N-(3-carboxy-1-oxopropyl)-L-phenylalanylglycyl-L-leucyl-L-tyrosylglycyl]-L-lysyl-S-[2-[(2-amino-2-oxoethyl)amino]-2-oxoethyl]-L-cysteinyl-L-lysyl-L-alanyl-N6-[N-(3-carboxy-1-oxopropyl)-L- α -glutamyl-L-leucylglycyl-L-arginylglycyl]-L-lysylglycyl-L-prolyl-L-lysyl], (4 \rightarrow 2), (7 \rightarrow 9), (11 \rightarrow 14)-trilactam (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C150 H228 N42 O42 S
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 16 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 191797-89-4 REGISTRY
ED Entered STN: 29 Jul 1997
CN Cyclo[L-alanyl-L-lysyl-L-alanyl-N6-[N2-(3-carboxy-1-oxopropyl)-L-lysylglycyl-L-tyrosyl-L-asparaginylglycyl]-L-lysylglycyl-L-prolyl-L-lysyl-S-[2-[(2-amino-2-oxoethyl)amino]-2-oxoethyl]-L-cysteinyl-N6-[N-(3-carboxy-1-oxopropyl)-L-phenylalanylglycyl-L-leucyl-L-tyrosylglycyl]-L-lysyl-L-alanyl-N6-[N-(3-carboxy-1-oxopropyl)-L- α -glutamyl-L-leucylglycyl-L-arginylglycyl]-L-lysylglycyl-L-prolyl-L-lysyl], (4 \rightarrow 2), (9 \rightarrow 7), (11 \rightarrow 14)-trilactam (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C150 H228 N42 O42 S
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 17 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 191797-87-2 REGISTRY
ED Entered STN: 29 Jul 1997
CN Cyclo[L-alanyl-L-lysyl-L-alanyl-N6-[N2-(3-carboxy-1-oxopropyl)-L-lysylglycyl-L-tyrosyl-L-asparaginylglycyl]-L-lysylglycyl-L-prolyl-N6-[N-(3-carboxy-1-oxopropyl)-L-phenylalanylglycyl-L-leucyl-L-tyrosylglycyl]-L-lysyl-S-[2-[(2-amino-2-oxoethyl)amino]-2-oxoethyl]-L-cysteinyl-L-lysyl-L-alanyl-L-lysylglycyl-L-prolyl-N6-[N-(3-carboxy-1-oxopropyl)-L- α -glutamyl-L-leucylglycyl-L-arginylglycyl]-L-lysyl], (4 \rightarrow 2), (7 \rightarrow 9), (14 \rightarrow 11)-trilactam (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C150 H228 N42 O42 S
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 18 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 191797-82-7 REGISTRY
ED Entered STN: 29 Jul 1997
CN Cyclo[L-alanyl-N6-(3-carboxy-1-oxopropyl)-L-lysyl-L-alanyl-N6-(L-lysylglycyl-L-tyrosyl-L-asparaginylglycyl)-L-lysylglycyl-L-prolyl-N6-(3-carboxy-1-oxopropyl)-L-lysyl-S-[2-[(2-amino-2-oxoethyl)amino]-2-oxoethyl]-L-cysteinyl-N6-(L-phenylalanylglycyl-L-leucyl-L-tyrosylglycyl)-L-lysyl-L-alanyl-N6-(3-carboxy-1-oxopropyl)-L-lysylglycyl-L-prolyl-N6-(L- α -glutamyl-L-leucylglycyl-L-arginylglycyl)-L-lysyl],
(2 \rightarrow 1 $'$ 2), (7 \rightarrow 1 $''$), (11 \rightarrow 1 $'''$)-trilactam (9CI) (CA INDEX
NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C150 H228 N42 O42 S
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 19 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 186844-30-4 REGISTRY
ED Entered STN: 07 Mar 1997
CN L-Cysteine, N2-(oxoacetyl)-L-lysyl-L-lysyl-L-seryl-L-prolyl-L-lysyl-L-lysyl-L-alanyl-L-lysyl-L-lysyl-L-prolyl-L-alanyl-L-alanyl-L-lysyl-L-seryl-L-prolyl-L-lysyl-L-alanyl-L-lysyl-L-lysyl-L-prolyl-L-alanyl-L-alanyl-L-lysyl-L-lysyl-L-seryl-L-prolyl-L-lysyl-L-lysyl-L-alanyl-L-lysyl-L-lysyl-L-prolyl-L-alanyl-L-alanyl-S-[(acetylamino)methyl]-, (1→6')-aldehydo-hydrazone with N2,N6-bis[N2,N6-bis(O-α-D-mannopyranosyl-L-seryl)-L-lysyl]-L-lysylglycylglycyl-N-(11-hydrazino-11-oxoundecyl)-L-tyrosinamide (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE
MF C260 H464 N72 O79 S
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 20 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 186844-29-1 REGISTRY
 ED Entered STN: 07 Mar 1997
 CN L-Cysteine, N2-(oxoacetyl)-L-lysyl-L-lysyl-L-seryl-L-prolyl-L-lysyl-L-
 lysyl-L-alanyl-L-lysyl-L-lysyl-L-prolyl-L-alanyl-L-alanyl-L-lysyl-L-lysyl-
 L-seryl-L-prolyl-L-lysyl-L-lysyl-L-alanyl-L-lysyl-L-lysyl-L-prolyl-L-
 alanyl-L-alanyl-L-lysyl-L-lysyl-L-seryl-L-prolyl-L-lysyl-L-lysyl-L-alanyl-
 L-lysyl-L-lysyl-L-prolyl-L-alanyl-L-alanyl-S-[(acetylamino)methyl]-,
 (1→6')-aldehydo-hydrazone with N2,N6-bis[N2,N6-bis(O- α -D-
 mannopyranosyl-L-seryl)-L-lysyl]-L-lysylglycylglycyl-L-tyrosine hydrazide
 (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE
 MF C249 H443 N71 O78 S

CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 21 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN

RN 186843-94-7 REGISTRY

ED Entered STN: 07 Mar 1997

CN Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy-, 6 α -ether
with N2,N6-bis[N2,N6-bis(O- α -D-mannopyranosyl-L-seryl)-L-lysyl]-L-
lysylglycylglycyl-N-(2-hydroxyethyl)-L-tyrosinamide, 1'-ether with
N2-[(3-hydroxy-1-oxopropyl)hydrazone]acetyl]-L-lysyl-L-lysyl-L-seryl-L-
proyl-L-lysyl-L-lysyl-L-alanyl-L-lysyl-L-proyl-L-alanyl-L-alanyl-
L-lysyl-L-lysyl-L-seryl-L-proyl-L-lysyl-L-alanyl-L-lysyl-L-lysyl-
L-proyl-L-alanyl-L-alanyl-L-lysyl-L-lysyl-L-seryl-L-proyl-L-lysyl-L-
lysyl-L-alanyl-L-lysyl-L-proyl-L-alanyl-L-alanyl-S-
[(acetyl amino)methyl]-L-cysteine (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE

MF (C2 H4 O)n C254 H452 N72 O80 S

CI PMS, MAN

PCT Manual registration

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 22 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN

RN 180338-67-4 REGISTRY

ED Entered STN: 04 Sep 1996

CN L-Tyrosinamide, N-(bromoacetyl)- β -alanyl- β -alanyl-N6-[N- [N-
(bromoacetyl)- β -alanyl]- β -alanyl]-L-lysyl-N6-[N- [N-(bromoacetyl)-
 β -alanyl]- β -alanyl]-L-lysylglycyl-, (2-bromophenyl)methyl
carbonate (ester) (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C55 H77 Br4 N13 O16

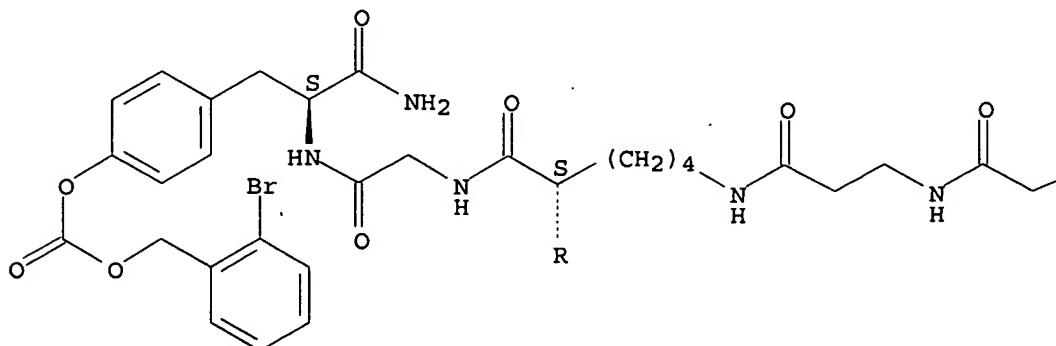
SR CA

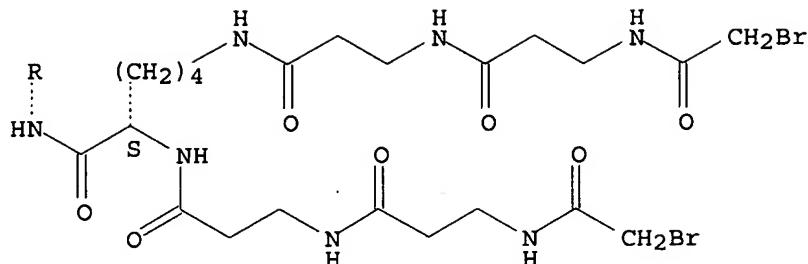
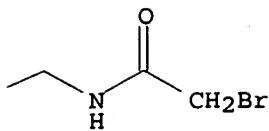
LC STN Files: CA, CAPLUS, USPATFULL

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A





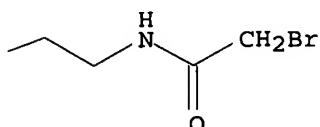
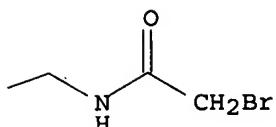
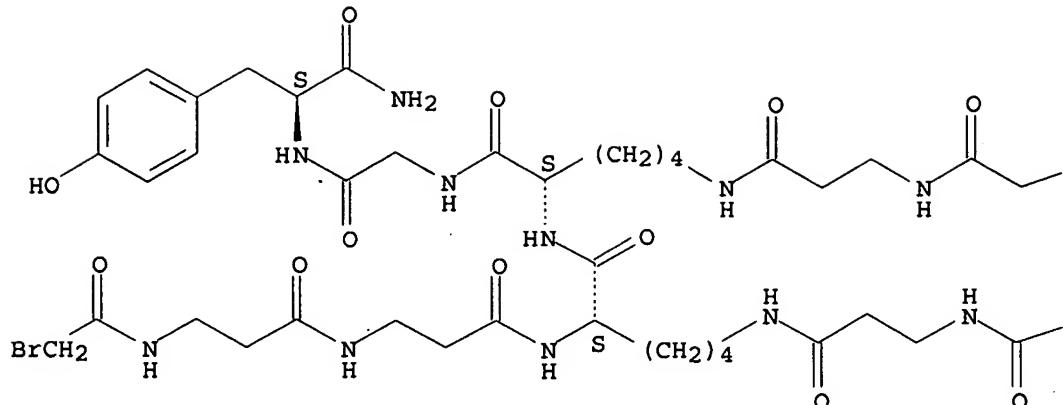
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 23 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 178485-03-5 REGISTRY
 ED Entered STN: 19 Jul 1996
 CN L-Tyrosinamide, N-(bromoacetyl)- β -alanyl- β -alanyl-N6-[N-(bromoacetyl)- β -alanyl- β -alanyl]-L-lysyl-N6-[N-(bromoacetyl)- β -alanyl- β -alanyl]-L-lysylglycyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN L-Tyrosinamide, N-(bromoacetyl)- β -alanyl- β -alanyl-N6-[N-(bromoacetyl)- β -alanyl]- β -alanyl]-L-lysyl-N6-[N-(bromoacetyl)- β -alanyl]- β -alanyl]-L-lysylglycyl-
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C47 H72 Br3 N13 O14
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

RELATED SEQUENCES AVAILABLE WITH SEQLINK

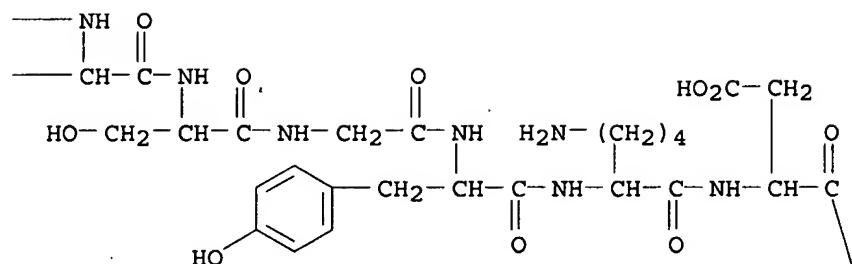
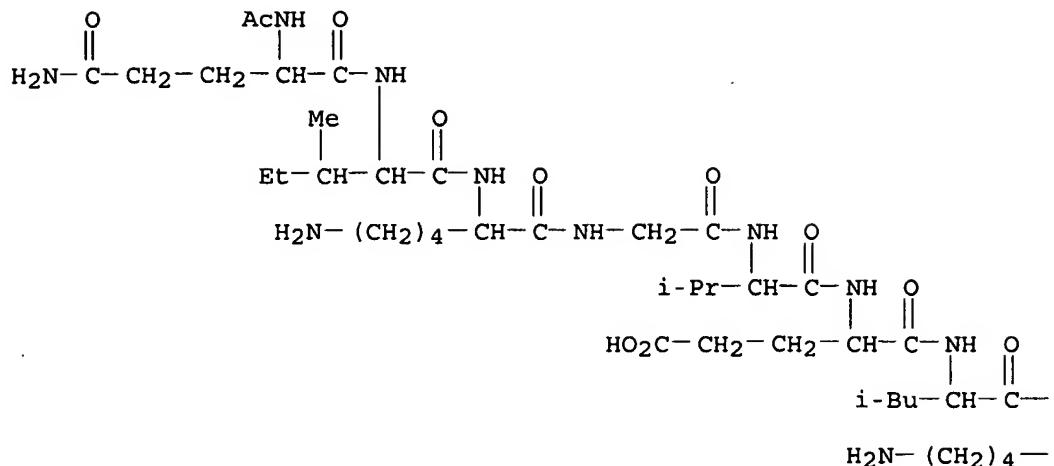
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 24 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 153049-58-2 REGISTRY
 ED Entered STN: 16 Feb 1994
 CN L- α -Asparagine, N2-acetyl-L-glutaminyl-L-isoleucyl-L-lysylglycyl-L-valyl-L- α -glutamyl-L-leucyl-L-lysyl-L-serylglycyl-L-tyrosyl-L-lysyl-N-[4-(octahydro-1,4-dioxopyrrolo[1,2-a]pyrazin-3-yl)butyl]-, (3S-trans)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Pyrrolo[1,2-a]pyrazine, L- α -asparagine deriv.
 FS PROTEIN SEQUENCE
 MF C78 H128 N20 O23
 SR CA
 LC STN Files: CA, CAPLUS



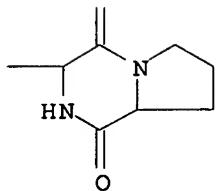
PAGE 1-C



PAGE 2-B



PAGE 2-C



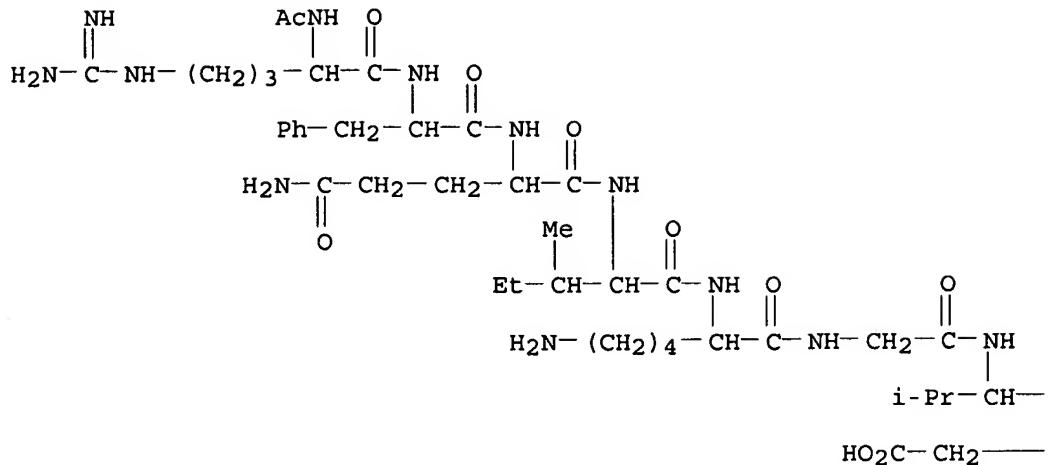
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

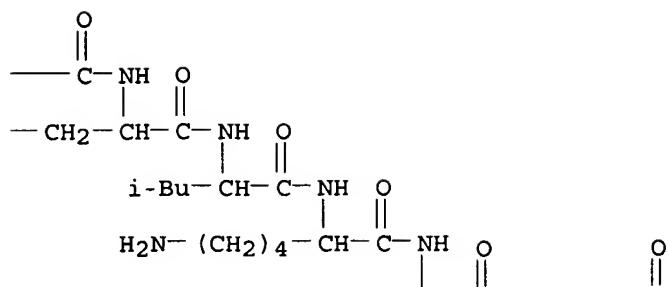
L2 ANSWER 25 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 153049-57-1 REGISTRY
ED Entered STN: 16 Feb 1994
CN L-Tyrosinamide, N2-acetyl-L-arginyl-L-phenylalanyl-L-glutaminyl-L-
isoleucyl-L-lysylglycyl-L-valyl-L- α -glutamyl-L-leucyl-L-lysyl-L-
serylglycyl-N-[4-(octahydro-1,4-dioxopyrrolo[1,2-a]pyrazin-3-yl)butyl]-,
(3S-trans)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Pyrrolo[1,2-a]pyrazine, L-tyrosinamide deriv.
FS PROTEIN SEQUENCE
MF C83 H132 N22 O21

SR CA
LC STN Files: CA, CAPLUS

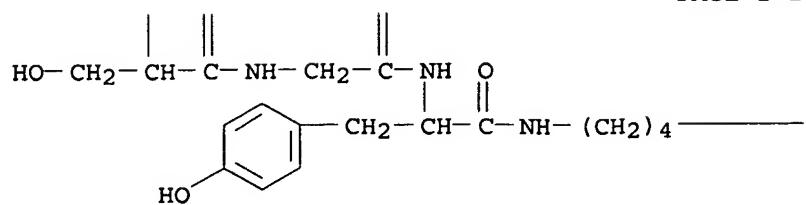
PAGE 1-A

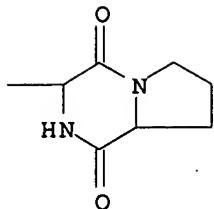


PAGE 1-B



PAGE 2-B





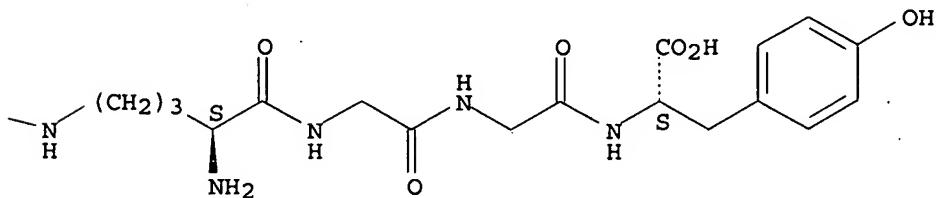
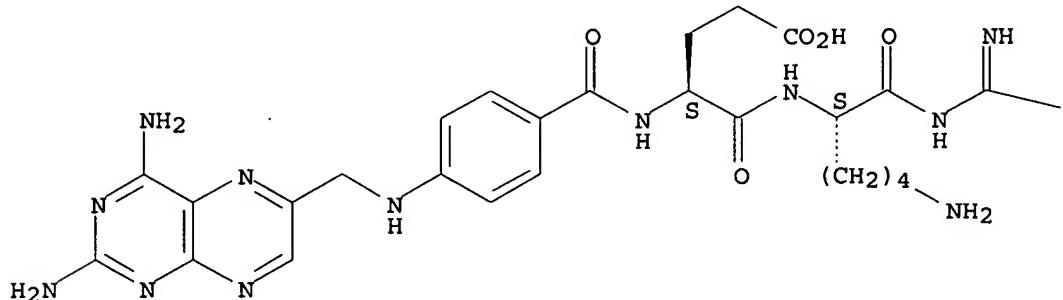
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE).

L2 ANSWER 26 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 118359-41-4 REGISTRY
 ED Entered STN: 13 Jan 1989
 CN L-Tyrosine, N-[N-[N5-[[[N2-[4-[(2,4-diamino-6-pteridinyl)methyl]amino]benzoyl]-L- α -glutamyl]-L-lysyl]amino]iminomethyl]-L-ornithyl]glycyl]glycyl]- (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C44 H59 N17 O11
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

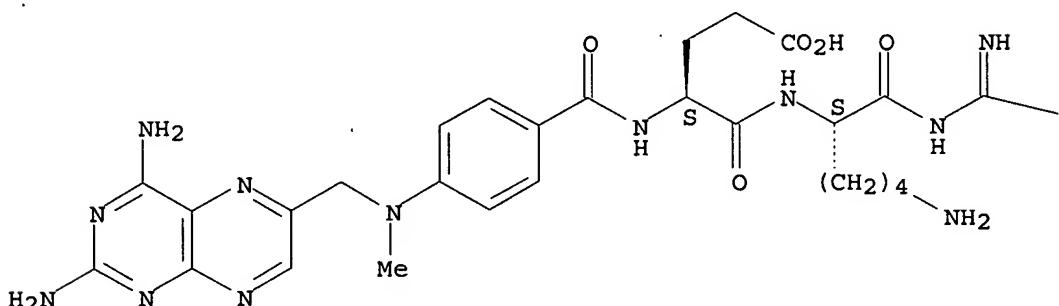
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 27 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 118359-32-3 REGISTRY
 ED Entered STN: 13 Jan 1989
 CN L-Tyrosine, N-[N-[N-[N5-[[N2-[4-[(2,4-diamino-6-pteridinyl)methyl]methylamino]benzoyl]-L- α -glutamyl]-L-lysyl]amino]iminomethyl]-L-ornithyl]glycyl]glycyl] (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C45 H61 N17 O11
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER

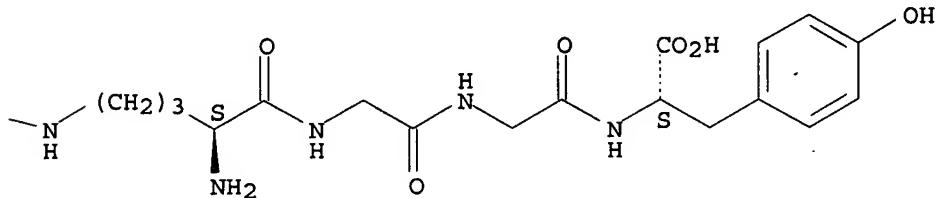
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



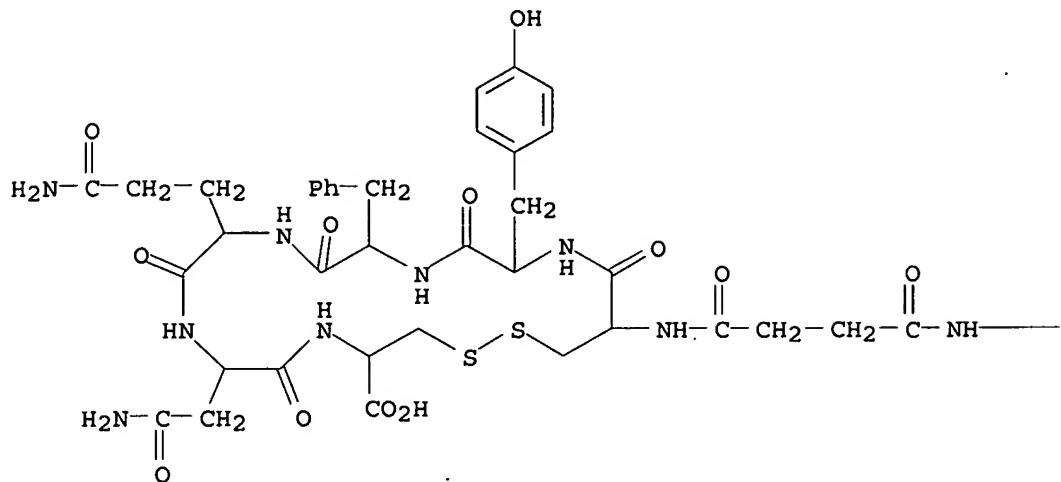
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

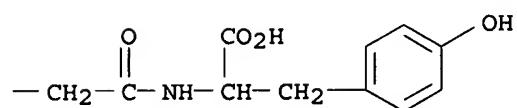
L2 ANSWER 28 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 99540-99-5 REGISTRY
 ED Entered STN: 21 Dec 1985
 CN L-Cysteine, N-(3-carboxy-1-oxopropyl)-L-cysteinyl-L-tyrosyl-L-phenylalanyl-L-glutamyl-L-asparaginyl-, cyclic (1 \rightarrow 6)-disulfide, (1 \rightarrow 1')-amide with glycyl-L-tyrosine (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1,2-Dithia-5,8,11,14,17-pentaaazacycloicosane, cyclic peptide deriv.
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C48 H58 N10 O16 S2

SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

16 L2

=> d bib, hitstr 1-10

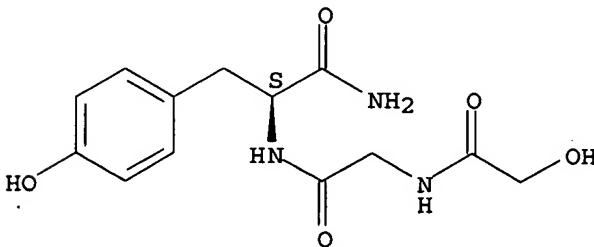
L3 ANSWER 1 OF 16 HCPLUS COPYRIGHT 2007 ACS on STN
AN 2007:61250 HCPLUS
DN 146:143006
TI Preparation of N- or C-terminally modified small peptides for pharmaceutical use
IN Larsen, Bjarne Due; Kerns, Edward H.
PA Zealand Pharma A/S, Den.; Kiddle, Simon John
SO PCT Int. Appl., 54pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

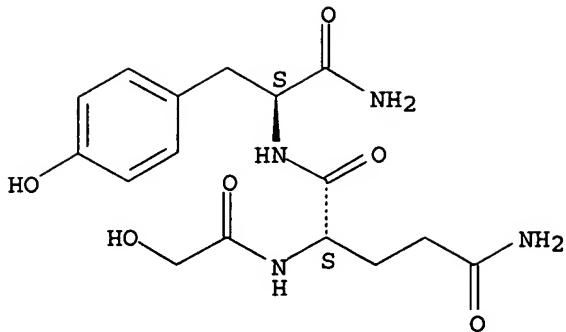
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007007060	A2	20070118	WO 2006-GB2527	20060707
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRAI	GB 2005-14071	A	20050707		
	US 2005-697138P	P	20050707		
OS	MARPAT 146:143006				
IT	<u>919104-62-4P 919104-63-5P</u>				
	RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(preparation of N- or C-terminally modified small peptides having antiarrhythmic activity)				
RN	919104-62-4 HCPLUS				
CN	L-Tyrosinamide, N-(2-hydroxyacetyl)glycyl-	(CA INDEX NAME)			

Absolute stereochemistry.



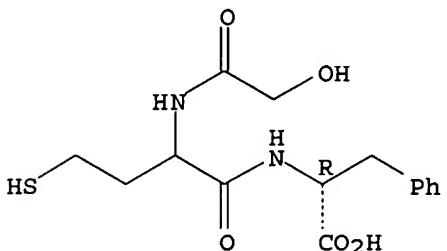
RN 919104-63-5 HCPLUS
CN L-Tyrosinamide, N-(2-hydroxyacetyl)-L-glutaminyl- (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 2 OF 16 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:874467 HCAPLUS
 DN 145:450736
 TI Homo-cysteinyl peptide inhibitors of the L1 metallo- β -lactamase, and SAR as determined by combinatorial library synthesis
 AU Sun, Qin; Law, Andy; Crowder, Michael W.; Geysen, H. Mario
 CS Department of Chemistry, University of Virginia, Charlottesville, VA, 22904, USA
 SO Bioorganic & Medicinal Chemistry Letters (2006), 16(19), 5169-5175
 CODEN: BMCLE8; ISSN: 0960-894X
 PB Elsevier Ltd.
 DT Journal
 LA English
 IT 913083-93-9P
 RL: BSU (Biological study, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (kinetic parameters of inhibition of metallo- β -lactamase)
 RN 913083-93-9 HCAPLUS
 CN D-Phenylalanine, hydroxyacetylhomocysteinyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



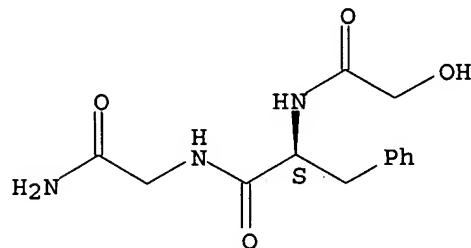
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 16 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 1995:130807 HCAPLUS
 DN 122:75493
 TI Analogs of serine proteinase with peptide ligase activity and their chemical and biosynthetic preparation
 IN Abrahmsen, Lars; Burnier, John; Wells, James A.; Jackson, David Y.
 PA Genentech, Inc., USA
 SO PCT Int. Appl., 61 pp.
 CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9418329	A2	19940818	WO 1994-US1336	19940202
	WO 9418329	A3	19950202		
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9461715	A	19940829	AU 1994-61715	19940202
	US 5629173	A	19970513	US 1995-386000	19950209
	US 5736512	A	19980407	US 1995-475640	19950607
PRAI	US 1993-13445	A	19930204		
	US 1990-566026	B2	19900809		
	WO 1994-US1336	W	19940202		
	US 1994-218873	B3	19940328		
	US 1995-386000	A3	19950209		
IT	<u>158751-87-2D</u> , peptide esters, amides				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(leaving group; analogs of serine proteinase with peptide ligase				
	activity and their chemical and biosynthetic preparation)				
RN	158751-87-2	HCAPLUS			
CN	Glycinamide, N-(hydroxyacetyl)-L-phenylalanyl-	(9CI)	(CA INDEX NAME)		

Absolute stereochemistry.



L3 ANSWER 4 OF 16 HCAPLUS COPYRIGHT 2007 ACS on STN
AN 1989:478604 HCAPLUS
Correction of: 1984:552347
DN 111:78604
Correction of: 101:152347
TI Peptide and its use
IN Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiro; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; et al.
PA Fujisawa Pharmaceutical Co., Ltd., Japan
SO U.S., 172 pp. Cont.-in-part of U.S. Ser. No. 149,441, abandoned.
CODEN: USXXAM

DT Patent
LA English
FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4322341	A	19820330	US 1980-201241	19801027
	US 4311640	A	19820119	US 1979-93523	19791113
	US 4349466	A	19820914	US 1981-229072	19810128
	EP 50856	A2	19820505	EP 1981-108796	19811023
	EP 50856	A3	19820804		

EP 50856	B1	19841227	
R: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE			
AT 10933	T	19850115	AT 1981-108796 19811023
CA 1241642	A1	19880906	CA 1981-388696 19811026
JP 57114556	A	19820716	JP 1981-172658 19811027
JP 03025437	B	19910405	
US 4458078	A	19840703	US 1982-377841 19820513
US 4725582	A	19880216	US 1982-377836 19820513
US 4801580	A	19890131	US 1982-377931 19820513
US 4666890	A	19870519	US 1982-380061 19820520
US 4539155	A	19850903	US 1983-515590 19830721
US 4749691	A	19880607	US 1987-37470 19870413
PRAI	US 1979-93523	A2	19791113
	US 1980-110020	A2	19800107
	US 1980-147710	A2	19800508
	US 1980-149441	A2	19800513
	GB 1978-44346	A	19781114
	GB 1979-26705	A	19790731
	GB 1979-35401	A	19791011
	GB 1979-35730	A	19791015
	GB 1979-36000	A	19791017
	GB 1979-37343	A	19791029
	DK 1979-4722	A	19791107
	AU 1979-52759	A	19791113
	CA 1979-339737	A	19791113
	EP 1979-104470	A	19791114
	JP 1979-147275	A	19791114
	KR 1979-3985	A	19791114
	US 1980-171024	A	19800722
	US 1980-201241	A	19801027
	US 1981-229072	A	19810128
	EP 1981-108796	A	19811023
	US 1982-377841	A3	19820513
	US 1982-380061	A3	19820520

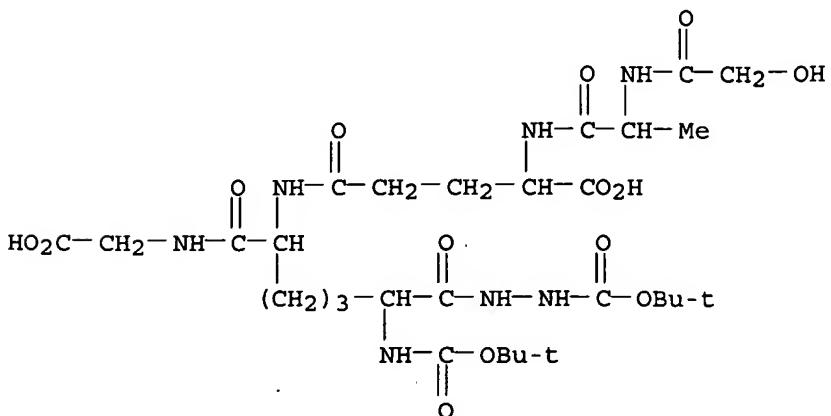
IT

79337-91-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and deblocking of)

RN 79337-91-0 HCAPLUS

CN Glycine, N-(hydroxyacetyl)-L-alanyl-D- γ -glutamyl-N6-[(1,1-dimethylethoxy)carbonyl]-7-[2-[(1,1-dimethylethoxy)carbonyl]hydrazino]-7-oxo-L-erythro-2,6-diaminoheptanoyl- (9CI) (CA INDEX NAME)

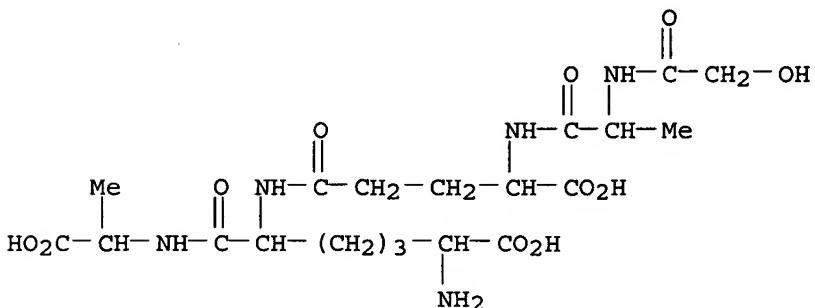


IT 79335-59-4P 79337-92-1P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

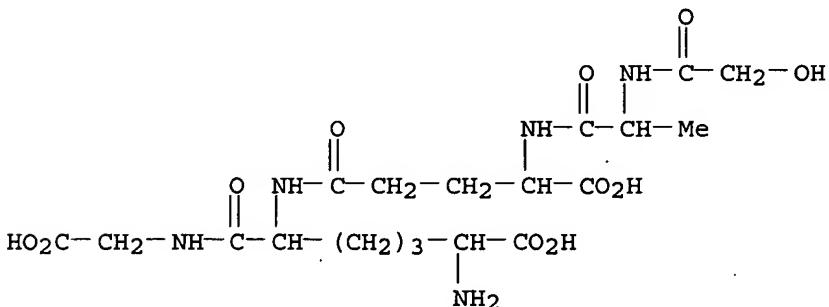
RN 79335-59-4 HCAPLUS

CN D-Alanine, N-[(R)-6-carboxy-N2-[N-[N-(hydroxyacetyl)-L-alanyl]-D- γ -glutamyl]-L-lysyl]- (9CI) (CA INDEX NAME)



RN 79337-92-1 HCAPLUS

CN Glycine, N-[(R)-6-carboxy-N2-[N-[N-(hydroxyacetyl)-L-alanyl]-D- γ -glutamyl]-L-lysyl]- (9CI) (CA INDEX NAME)



L3 ANSWER 5 OF 16 HCAPLUS COPYRIGHT 2007 ACS on STN

AN 1989:193403 HCAPLUS

DN 110:193403

TI Manufacture of antibiotic FR-900156 from *Streptomyces olivaceogriseus* and preparation of its analogs

IN Kitaura, Yoshihiko; Nakaguchi, Osamu; Aratani, Matsuhiro; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; et al.

PA Fujisawa Pharmaceutical Co., Ltd., Japan

SO U.S., 186 pp. Division of U.S. 4,349,466.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4666890	A	19870519	US 1982-380061	19820520
	DK 7904722	A	19800515	DK 1979-4722	19791107
	DK 148809	B	19851007		
	DK 148809	C	19860317		

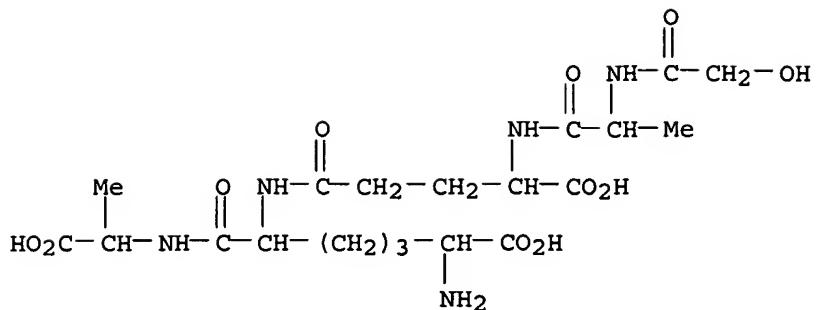
AU	7952759	A	19800626	AU	1979-52759	19791113
AU	529275	B2	19830602			
US	4311640	A	19820119	US	1979-93523	19791113
HU	23914	A2	19821028	HU	1979-FU379	19791113
HU	181434	B	19830728			
CA	1143682	A1	19830329	CA	1979-339737	19791113
JP	55085552	A	19800627	JP	1979-147275	19791114
JP	63018598	B	19880419			
ES	485962	A1	19800701	ES	1979-485962	19791114
AT	1388	T	19820815	AT	1979-104479	19791114
ES	493817	A1	19810716	ES	1980-493817	19800729
AU	8060939	A	19810319	AU	1980-60939	19800730
AU	544864	B2	19850620			
US	4322341	A	19820330	US	1980-201241	19801027
US	4349466	A	19820914	US	1981-229072	19810128
ES	499470	A1	19820816	ES	1981-499470	19810216
US	4487763	A	19841211	US	1982-402440	19820728
US	4512980	A	19850423	US	1982-402438	19820728
US	32992	E	19890718	US	1984-611733	19840518
US	4749691	A	19880607	US	1987-37470	19870413
PRAI	GB 1978-44346	A	19781114			
	GB 1979-26705	A	19790731			
	GB 1979-35401	A	19791011			
	GB 1979-35730	A	19791015			
	GB 1979-36000	A	19791017			
	GB 1979-37343	A	19791029			
	DK 1979-4722	A	19791107			
	AU 1979-52759	A	19791113			
	CA 1979-339737	A	19791113			
	US 1979-93523	A2	19791113			
	EP 1979-104470	A	19791114			
	JP 1979-147275	A	19791114			
	KR 1979-3985	A	19791114			
	US 1980-110020	A2	19800107			
	US 1980-147710	A2	19800508			
	US 1980-149441	A2	19800513			
	US 1980-171024	A2	19800722			
	US 1980-201241	A2	19801027			
	US 1981-229072	A3	19810128			
	EP 1979-104479	A	19791114			
	GB 1980-10459	A	19800328			
	US 1980-193453	A3	19801003			
	US 1982-380061	A3	19820520			

IT 79335-59-4P 79337-92-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of, as immunostimulant)

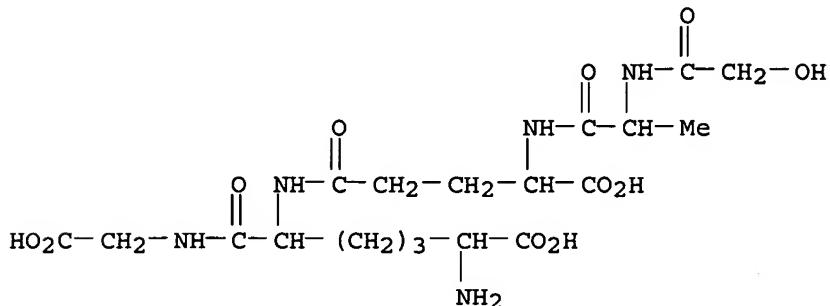
RN 79335-59-4 HCPLUS

CN D-Alanine, N-[(R)-6-carboxy-N2-[N-[(hydroxyacetyl)-L-alanyl]-D- γ -glutamyl]-L-lysyl]- (9CI) (CA INDEX NAME)



RN 79337-92-1 HCAPLUS

CN Glycine, N-[(R)-6-carboxy-N2-[N-[N-(hydroxyacetyl)-L-alanyl]-D- γ -glutamyl]-L-lysyl]- (9CI) (CA INDEX NAME)



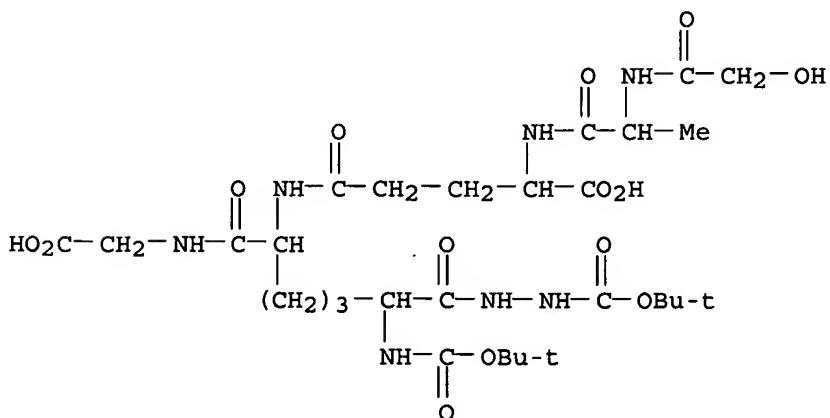
IT 79337-91-0P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of, as intermediate for immunostimulating peptide)

RN 79337-91-0 HCAPLUS

CN Glycine, N-(hydroxyacetyl)-L-alanyl-D- γ -glutamyl-N6-[(1,1-dimethylethoxy)carbonyl]-7-[2-[(1,1-dimethylethoxy)carbonyl]hydrazino]-7-oxo-L-erythro-2,6-diaminoheptanoyl- (9CI) (CA INDEX NAME)



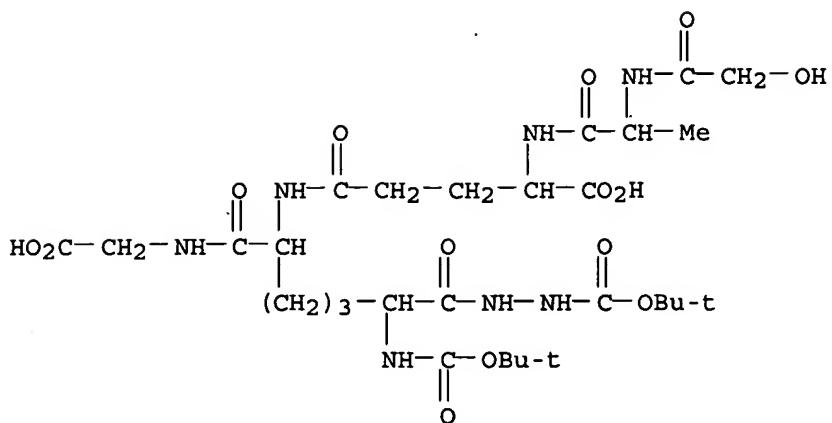
L3 ANSWER 6 OF 16 HCAPLUS COPYRIGHT 2007 ACS on STN

AN 1985:542381 HCAPLUS

DN 103:142381

TI Oxazole derivatives
 IN Kitaura, Yoshihiko; Kakaguchi, Osamu; Hemmi, Keiji; Acatani, Matsuhiko;
 Takeno, Hidekazu; Okada, Satashi; Tanaka, Hirakazu; Hashimoto, Masashi;
 Kuroda, Yashio; et al.
 PA Fujisawa Pharmaceutical Co., Ltd., Japan
 SO U.S., 157 pp. Division of U.S. 4,349,466.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4458078	A	19840703	US 1982-377841	19820513
	US 4311640	A	19820119	US 1979-93523	19791113
	HU 23914	A2	19821028	HU 1979-FU379	19791113
	HU 181434	B	19830728		
	ES 485962	A1	19800701	ES 1979-485962	19791114
	AT 1388	T	19820815	AT 1979-104479	19791114
	ES 493817	A1	19810716	ES 1980-493817	19800729
	AU 8060939	A	19810319	AU 1980-60939	19800730
	AU 544864	B2	19850620		
	US 4322341	A	19820330	US 1980-201241	19801027
	US 4349466	A	19820914	US 1981-229072	19810128
	ES 499470	A1	19820816	ES 1981-499470	19810216
	US 4487763	A	19841211	US 1982-402440	19820728
	US 4512980	A	19850423	US 1982-402438	19820728
	US 4539155	A	19850903	US 1983-515590	19830721
	US 32992	E	19890718	US 1984-611733	19840518
PRAI	GB 1978-44346	A	19781114		
	GB 1979-26705	A	19790731		
	GB 1979-35401	A	19791011		
	GB 1979-35730	A	19791015		
	GB 1979-36000	A	19791017		
	GB 1979-37343	A	19791029		
	US 1979-93523	A2	19791113		
	US 1980-110020	A2	19800107		
	US 1980-147710	A2	19800508		
	US 1980-149441	A2	19800513		
	US 1980-171024	A2	19800722		
	US 1980-201241	A2	19801027		
	US 1981-229072	A3	19810128		
	EP 1979-104479	A	19791114		
	GB 1980-10459	A	19800328		
	US 1980-193453	A3	19801003		
	US 1982-377841	A3	19820513		
OS	CASREACT 103:142381				
IT	<u>79337-91-0P</u>				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation and deprotection-hydrazide cleavage of)				
RN	79337-91-0 HCPLUS				
CN	Glycine, N-(hydroxyacetyl)-L-alanyl-D- γ -glutamyl-N6-[(1,1-dimethylethoxy)carbonyl]-7-[2-[(1,1-dimethylethoxy)carbonyl]hydrazino]-7-oxo-L-erythro-2,6-diaminoheptanoyl- (9CI) (CA INDEX NAME)				

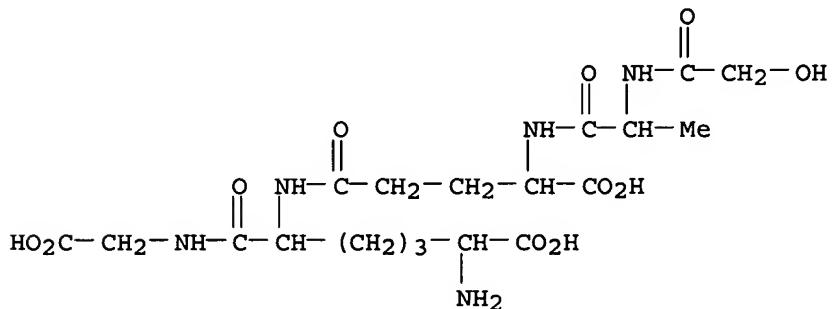


IT 79337-92-1P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 79337-92-1 HCAPLUS

CN Glycine, N-[(R)-6-carboxy-N2-[N-[N-(hydroxyacetyl)-L-alanyl]-D- γ -glutamyl]-L-lysyl]- (9CI) (CA INDEX NAME)

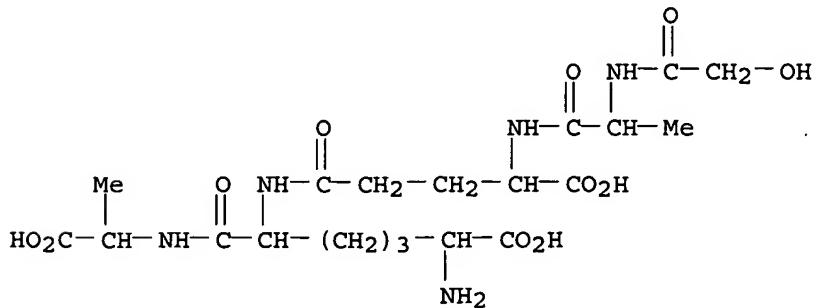


IT 79335-59-4P

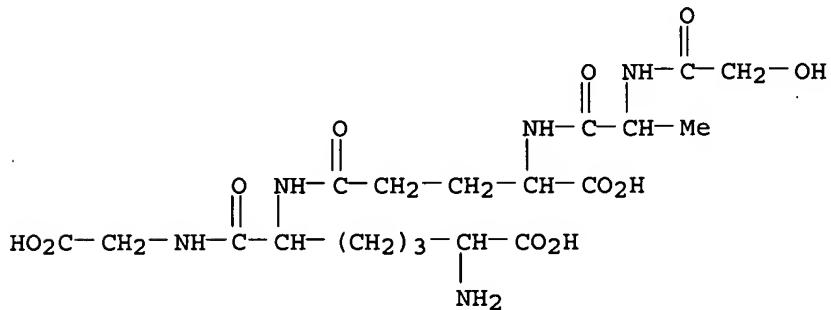
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation_of, as therapeutic agent)

RN 79335-59-4 HCAPLUS

CN D-Alanine, N-[(R)-6-carboxy-N2-[N-[N-(hydroxyacetyl)-L-alanyl]-D-γ-glutamyl]-L-lysyl]-(9CI) (CA INDEX NAME)

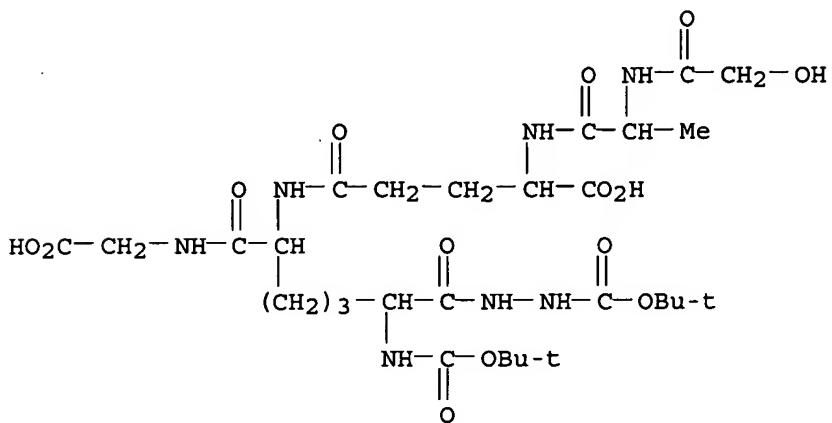


AN 1985:488195 HCAPLUS
 DN 103:88195
 TI Synthesis and adjuvant activity of FK-156 analogs: acyl derivatives of
 N-[N2-(L-alanyl- γ -D-glutamyl)-2(L),2'(D)-diamino-1-pimeloyl]glycine
 AU Okada, Satoshi; Takeno, Hidekazu; Hemmi, Keiji; Kitaura, Yoshihiko;
 Hashimoto, Masashi
 CS Explor. Res. Lab., Fujisawa Pharm. Co., Ltd., Osaka, 532, Japan
 SO Chemical & Pharmaceutical Bulletin (1985), 33(2), 889-92
 CODEN: CPBTAL; ISSN: 0009-2363
 DT Journal
 LA English
 OS CASREACT 103:88195
 IT 79337-92-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and immune adjuvant activity of)
 RN 79337-92-1 HCAPLUS
 CN Glycine, N-[(R)-6-carboxy-N2-[N-[(hydroxyacetyl)-L-alanyl]-D- γ -
 glutamyl]-L-lysyl]- (9CI) (CA INDEX NAME)



L3 ANSWER 8 OF 16 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 1984:552347 HCAPLUS
 Correction of: 1982:528077
 DN 101:152347
 Correction of: 97:128077
 TI Peptide and its use
 IN Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko;
 Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi;
 Kuroda, Yoshio; Et, Al.
 PA Fujisawa Pharmaceutical Co., Ltd., Japan
 SO U.S., 172 pp. Cont.-in-part of U.S. Ser. No. 149,441, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 PATENT NO. KIND DATE APPLICATION NO. DATE
 ----- ----- ----- -----
 PI US 4322341 A 19820330 US 1980-201241 19801027
 PRAI US 1979-93523 19791113
 US 1980-110020 19800107
 US 1980-147710 19800508
 US 1980-149441 19800513
 IT 79337-91-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and deblocking of)
 RN 79337-91-0 HCAPLUS

CN Glycine, N-(hydroxyacetyl)-L-alanyl-D- γ -glutamyl-N6-[(1,1-dimethylethoxy)carbonyl]-7-[2-[(1,1-dimethylethoxy)carbonyl]hydrazino]-7-oxo-L-erythro-2,6-diaminoheptanoyl- (9CI) (CA INDEX NAME)



L3 ANSWER 9 OF 16 HCAPLUS COPYRIGHT 2007 ACS on STN

AN 1982:528077 HCAPLUS

DN 97:128077

TI Peptide and its use

IN Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiro; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; et al.

PA Fujisawa Pharmaceutical Co., Ltd. , Japan

SO U.S., 172 pp. Cont.-in-part of U.S. Ser. No. 149,441, abandoned.

CODEN: USXXAM

DT Patent

LA English

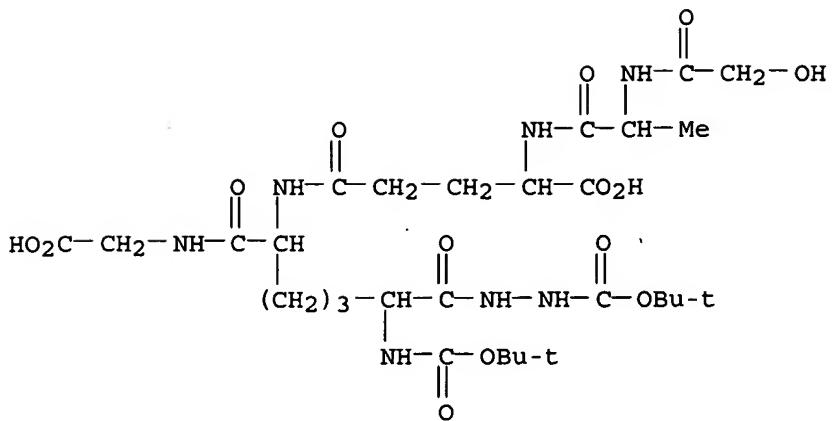
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4322341 A		19820330	US 1980-201241	19801027
PRAI	US 1979-93523	19791113			
	US 1980-110020	19800107			
	US 1980-147710	19800508			
	US 1980-149441	19800513			

IT 79337-91-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and deblocking of)

RN 79337-91-0 HCAPLUS

CN Glycine, N-(hydroxyacetyl)-L-alanyl-D- γ -glutamyl-N6-[(1,1-dimethylethoxy)carbonyl]-7-[2-[(1,1-dimethylethoxy)carbonyl]hydrazino]-7-oxo-L-erythro-2,6-diaminoheptanoyl- (9CI) (CA INDEX NAME)

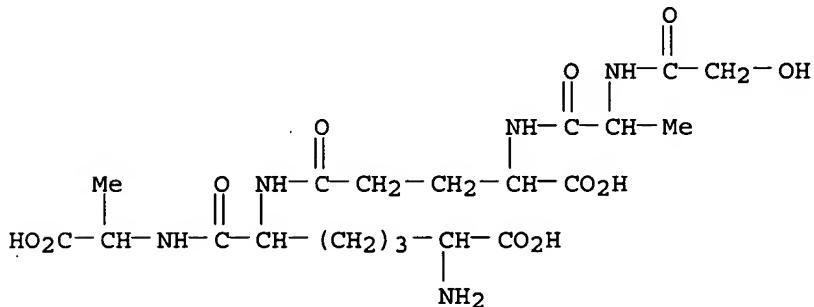


IT 79335-59-4P 79337-92-1P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

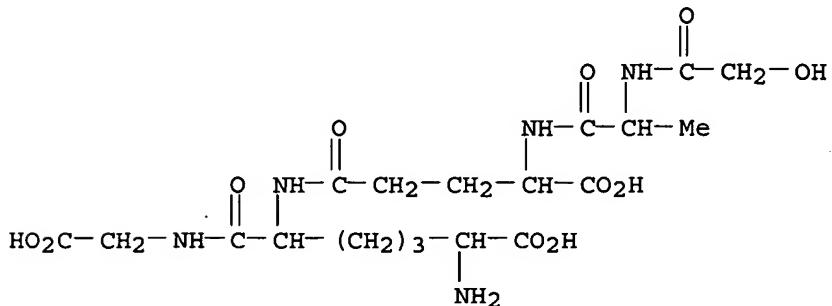
RN 79335-59-4 HCAPLUS

CN D-Alanine, N-[(R)-6-carboxy-N2-[N-[N-(hydroxyacetyl)-L-alanyl]-D- γ -glutamyl]-L-lysyl]- (9CI) (CA INDEX NAME)



RN 79337-92-1 HCAPLUS

CN Glycine, N-[(R)-6-carboxy-N2-[N-(N-(hydroxyacetyl)-L-alanyl)-D- γ -glutamyl]-L-lysyl]- (9CI) (CA INDEX NAME)



L3 ANSWER 10 OF 16 HCPLUS COPYRIGHT 2007 ACS on STN

AN 1982:69437 HCAPLUS

DN 96:69437

TI Peptides, their pharmaceutical compositions and their intermediates

IN Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiro; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; et al.

PA Fujisawa Pharmaceutical Co., Ltd., Japan

SO Eur. Pat. Appl., 502 pp.

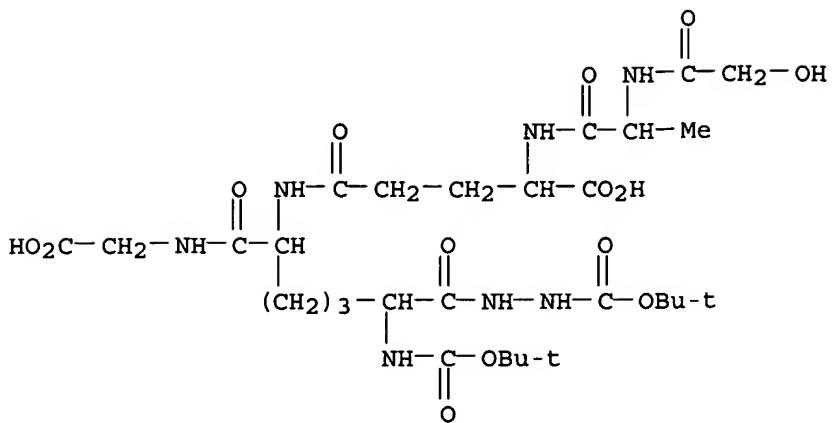
CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 25842	A2	19810401	EP 1980-104502	19800730
	EP 25842	A3	19820210		
	EP 25842	B1	19870603		
	R: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
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	AT 1388	T	19820815	AT 1979-104479	19791114
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OS	CASREACT 96:69437; MARPAT 96:69437				
IT	<u>79337-91-0P</u>				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(preparation and deblocking of)				
RN	79337-91-0 HCAPLUS				
CN	Glycine, N-(hydroxyacetyl)-L-alanyl-D- γ -glutamyl-N6-[(1,1-dimethylethoxy)carbonyl]-7-[2-[(1,1-dimethylethoxy)carbonyl]hydrazino]-7-oxo-L-erythro-2,6-diaminoheptanoyl- (9CI) (CA INDEX NAME)				

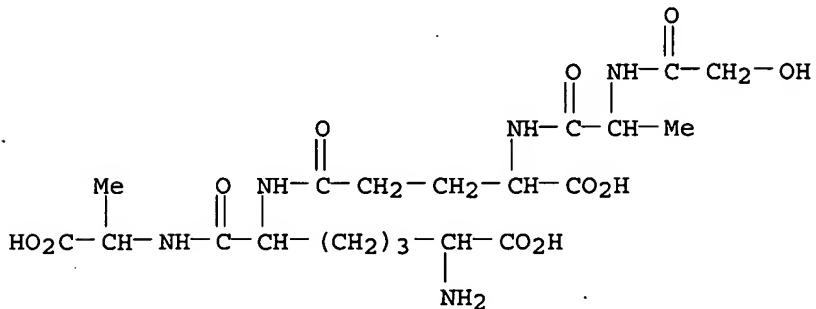


IT 79335-59-4P 79337-92-1P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 79335-59-4 HCAPLUS

CN D-Alanine, N-[(R)-6-carboxy-N2-[N-[N-(hydroxyacetyl)-L-alanyl]-D- γ -glutamyl]-L-lysyl]-(9CI) (CA INDEX NAME)



RN 79337-92-1 HCAPLUS

CN Glycine, N-[(R)-6-carboxy-N2-[N-[N-(hydroxyacetyl)-L-alanyl]-D- γ -glutamyl]-L-lysyl]- (9CI) (CA INDEX NAME)

